

Index of Authors

VOLUME 91 (1994)

(Authors from abstracts from Society Proceedings are not included)

- Abraham-Fuchs, K., see Curio, G. (91) 483
Achimowicz, J.Z., see Bullock, T.H. (91) 42
Aharoni, D. and Pratt, H.
A note on the common reference debate (91) 488
Aherne, G.L., Labiner, D.M., Hutzler, R., Osburn, C., Talwar, D., Herring, A.M., Tackenberg, J.N., Weinand, M.E. and Oomen, K.J.
Quantitative analysis of the EEG in the intracarotid amobarbital procedure. I. Amplitude analysis (91) 21
Alarcon, G., see Bullmore, E.T. (91) 337
Aldroubi, A., see Schiff, S.J. (91) 442
Algazi, A., see Alho, K. (91) 353
Alho, K., Woods, D.L., Algazi, A., Knight, R.T. and Näätänen, R.
Lesions of frontal cortex diminish the auditory mismatch negativity (91) 353
Anderer, P., Saletu, B., Klöppel, B., Semlitsch, H.V. and Werner, H.
Discrimination between demented patients and normals based on topographic EEG slow wave activity: comparison between z statistics, discriminant analysis and artificial neural network classifiers (91) 108
Ando, M., see Ikeda, T. (91) 265
Araki, S., see Ikeda, T. (91) 265
Auzoux-Chevé, M., see Richard, P. (91) 100
Awad, I.A., see Lim, S.H. (91) 179
Bamidis, P.D., see Ioannides, A.A. (91) 399
Barker, A.T., see Rossini, P.M. (91) 79
Bartalena, L., see Biagioni, E. (91) 154
Barth, D.S., see Nakasato, N. (91) 171
Başar-Eroğlu, C., see Bullock, T.H. (91) 42
Baumgartner, C., see Nakasato, N. (91) 171
Berardelli, A., see Rossini, P.M. (91) 79
Bergey, G.K., see Franaszczuk, P.J. (91) 413
Betschorn, C., Geiger-Kabisch, C., Sattel, H. and Förstl, H.
Different techniques in averaging coherences. Answer to Dr. K. Le Roc'h's letter to the editor (91) 233
Biagioni, E., Bartalena, L., Boldrini, A., Cioni, G., Giancola, S. and Ipata, A.E.
Background EEG activity in preterm infants: correlation of outcome with selected maturational features (91) 154
Binnie, C.D., see Bullmore, E.T. (91) 337
Block, F., see Schwarz, M. (91) 392
Blom, S., see Homma, S. (91) 374
Blum, D.
Prevalence of bilateral partial seizure foci and implications for electroencephalographic telemetry monitoring and epilepsy surgery (91) 329
Blume, W.T., see Young, G.B. (91) 93
Böcker, K.B.E., Brunia, C.H.M. and Cluitmans, P.J.M.
A spatio-temporal dipole model of the readiness potential in humans. I. Finger movement (91) 275
Böcker, K.B.E., Brunia, C.H.M. and Cluitmans, P.J.M.
A spatio-temporal dipole model of the readiness potential in humans. II. Foot movement (91) 286
Bogard, P.J., see Malow, B.A. (91) 205
Boldrini, A., see Biagioni, E. (91) 154
Born, J., see Marshall, L. (91) 346
Bourlon, P., see Bullmore, E.T. (91) 337
Bourzeix, J.-C., see Pezard, L. (91) 383
Brammer, M.J., see Bullmore, E.T. (91) 337
Braun, C., see Miltner, W. (91) 295
Breton, F., see Pezard, L. (91) 383
Broughton, R., Dunham, W., Weisskopf, M. and Rivers, M.
Night sleep does not predict day sleep in narcolepsy (91) 67
Brunia, C.H.M., see Böcker, K.B.E. (91) 275
Brunia, C.H.M., see Böcker, K.B.E. (91) 286
Bullmore, E.T., Brammer, M.J., Bourlon, P., Alarcon, G., Polkey, C.E., Elwes, R. and Binnie, C.D.
Fractal analysis of electroencephalographic signals intracerebrally recorded during 35 epileptic seizures: evaluation of a new method for synoptic visualisation of ictal events (91) 337
Bullock, T.H., Karamürsel, S., Achimowicz, J.Z., McClune, M.C. and Başar-Eroğlu, C.
Dynamic properties of human visual evoked and omitted stimulus potentials (91) 42
Bullock, T.H., see Prechtel, J.C. (91) 54
Burghoff, M., see Curio, G. (91) 483

Cacace, A.T., see Wolpaw, J.R. (91) 71
Campbell, V.M., see Young, G.B. (91) 93
Caramia, M.D., see Rossini, P.M. (91) 79
Caruso, G., see Rossini, P.M. (91) 79
Celesia, G.G.
Response to the letter of Dr. S.J. Jones (91) 313
Cioni, G., see Biagioni, E. (91) 154
Cluitmans, P.J.M., see Böcker, K.B.E. (91) 275
Cluitmans, P.J.M., see Böcker, K.B.E. (91) 286
Coburn, K.L., see Pritchard, W.S. (91) 118
Cole, J.
The British Society for Clinical Neurophysiology (formerly the EEG Society). London, 14 January 1994 (91) 36P
Coleman, J.T.
American EEG Society, 1993 annual meeting. New Orleans, LA, 11–12 October, 1993 (91) 39P
Connolly, J.F.
Reply to Drs. Wolpaw and Cacace (91) 74
Cracco, R.Q., see Rossini, P.M. (91) 79
Curio, G., Mackert, B.-M., Burghoff, M., Koetitz, R., Abraham-Fuchs, K. and Härtel, W.
Localization of evoked neuromagnetic 600 Hz activity in the cerebral somatosensory system (91) 483

- Davis, L.E., see Maclin, E.L. (91) 468
- Deecke, L., see Uhl, F. (91) 249
- Demelo, J.D., see Young, G.B. (91) 93
- Dimitrijević, M.R., see Rossini, P.M. (91) 79
- Dinner, D.S., see Lim, S.H. (91) 179
- Duke, D.W., see Pritchard, W.S. (91) 118
- Dunham, W., see Broughton, R. (91) 67
- Elwes, R., see Bullmore, E.T. (91) 337
- Evans, B.M.
- Comments on the paper of Soustiel et al. (1993) on a physiological coma scale (91) 77
- Fehm, H.L., see Marshall, L. (91) 346
- Fenton, G.W., see Ioannides, A.A. (91) 399
- Fenton, G.W., see Sloan, E.P. (91) 163
- Fenwick, P.B.C., see Ioannides, A.A. (91) 399
- Fleig, W.E., see Kügler, C.F.A. (91) 33
- Flink, R., see Homma, S. (91) 374
- Flor-Henry, P., see Koles, Z.J. (91) 319
- Förstl, H., see Besthorn, C. (91) 233
- Franaszczuk, P.J., Bergey, G.K. and Kamiński, M.J.
- Analysis of mesial temporal seizure onset and propagation using the directed transfer function method (91) 413
- Fukushima, T., see Ikeda, T. (91) 265
- Galezowska, J., see Morris, III, G.L. (91) 229
- Geiger-Kabisch, C., see Besthorn, C. (91) 233
- Giancola, S., see Biagioli, E. (91) 154
- Goldenberg, G., see Uhl, F. (91) 249
- Gomez-Jarabo, G., see Martin-Löches, M. (91) 363
- Hagbarth, K.-E., see Homma, S. (91) 374
- Hahn, E.G., see Kügler, C.F.A. (91) 33
- Hallett, M., see Rossini, P.M. (91) 79
- Härer, W., see Curio, G. (91) 483
- Hari, R., see Salmelin, R. (91) 237
- Heide, W., see Klostermann, W. (91) 219
- Heiss, W.-D., see Szelies, B. (91) 131
- Herholz, K., see Szelies, B. (91) 131
- Herring, A.M., see Ahern, G.L. (91) 21
- Homma, S., Musha, T., Nakajima, Y., Okamoto, Y., Blom, S., Flink, R., Hagbarth, K.-E. and Moström, U.
- Location of electric current sources in the human brain estimated by the dipole tracing method of the scalp-skull-brain (SSB) head model (91) 374
- Hostettler, R.M., see Pritchard, W.S. (91) 118
- Hutzler, R., see Ahern, G.L. (91) 21
- Ikeda, T., Fukushima, T., Sonoda, K., Kani, S., Ando, M., Okabe, H., Araki, S. and Kinjo, Y.
- Auditory and colored visual P300 in patients with sequelae of subacute myelo-optico-neuropathy (91) 265
- Ioannides, A.A., Fenwick, P.B.C., Lumsden, J., Liu, M.J., Bamidis, P.D., Squires, K.C., Lawson, D. and Fenton, G.W.
- Activation sequence of discrete brain areas during cognitive processes: results from magnetic field tomography (91) 399
- Ipata, A.E., see Biagioli, E. (91) 154
- Jann, M.W., see Pritchard, W.S. (91) 118
- Johnson, Jr., R., see Miltner, W. (91) 295
- Jones, S.J.
- Comments on the "Recommended standards for electroretinograms and visual evoked potentials. Report of an IFCN committee" published in the December 1993 issue of *Electroencephalography and Clinical Neurophysiology* (91) 311
- Kaartinen, J., see Sallinen, M. (91) 140
- Kamiński, M.J., see Franaszczuk, P.J. (91) 413
- Kani, S., see Ikeda, T. (91) 265
- Karamürsel, S., see Bullock, T.H. (91) 42
- Katayama, Y., see Rossini, P.M. (91) 79
- Kennedy, N.S.J., see Sloan, E.P. (91) 163
- Kinjo, Y., see Ikeda, T. (91) 265
- Klem, G., see Lim, S.H. (91) 179
- Kimesch, W., Schimke, H. and Schwaiger, J.
- Episodic and semantic memory: an analysis in the EEG theta and alpha band (91) 428
- Klöppel, B., see Anderer, P. (91) 108
- Klostermann, W., Kömpf, D., Heide, W., Verleger, R., Wauschkuhn, B. and Seyfert, T.
- The presaccadic cortical negativity prior to self-paced saccades with and without visual guidance (91) 219
- Knight, J.E., see Maclin, E.L. (91) 468
- Knight, R.T., see Alho, K. (91) 353
- Koetitz, R., see Curio, G. (91) 483
- Koles, Z.J., Lind, J.C. and Flor-Henry, P.
- Spatial patterns in the background EEG underlying mental disease in man (91) 319
- Kömpf, D., see Klostermann, W. (91) 219
- Korcyn, A.D., see Neufeld, M.Y. (91) 407
- Korpilahti, P. and Lang, H.A.
- Auditory ERP components and mismatch negativity in dysphasias (91) 256
- Kretschmer, T., see Uhl, F. (91) 249
- Kügler, C.F.A., Petter, J., Taghavy, A., Lotterer, E., Wensing, G., Hahn, E.G. and Fleig, W.E.
- Dynamics of cognitive brain dysfunction in patients with cirrhotic liver disease: an event-related P300 potential perspective (91) 33
- Labiner, D.M., see Ahern, G.L. (91) 21
- Lang, H.A., see Korpilahti, P. (91) 256
- Lang, W., see Uhl, F. (91) 249
- Lawson, D., see Ioannides, A.A. (91) 399
- Le Roc'h, K.
- EEG coherence in Alzheimer disease, by Besthorn et al. (91) 232
- Leroy, R., see Morris, III, G.L. (91) 229
- Lesser, R.P., see Webber, W.R.S. (91) 194
- Leung, L.S., see Young, G.B. (91) 93
- Levesque, M.F., see Nakasato, N. (91) 171
- Lim, S.H., Dinner, D.S., Pillay, P.K., Lüders, H., Morris, H.H., Klem, G., Wyllie, E. and Awad, I.A.
- Functional anatomy of the human supplementary sensorimotor area: results of extraoperative electrical stimulation (91) 179
- Lind, J.C., see Koles, Z.J. (91) 319
- Lindinger, G., see Uhl, F. (91) 249
- Litt, B., see Webber, W.R.S. (91) 194
- Liu, M.J., see Ioannides, A.A. (91) 399
- Lotterer, E., see Kügler, C.F.A. (91) 33
- Lücking, C.H., see Rossini, P.M. (91) 79
- Lüders, H., see Lim, S.H. (91) 179
- Lumsden, J., see Ioannides, A.A. (91) 399
- Lytyinen, H., see Sallinen, M. (91) 140
- MacKay, W.A., see Nashmi, R. (91) 456
- Mackert, B.-M., see Curio, G. (91) 483
- MacLennan, J.M., see Sloan, E.P. (91) 163
- Maclin, E.L., Rose, D.F., Knight, J.E., Orrison, W.W. and Davis, L.E.
- Somatosensory evoked magnetic fields in patients with stroke (91) 468
- Maertens de Noordhout, A.L., see Rossini, P.M. (91) 79
- Malhotra, A.K., see Malow, B.A. (91) 205

- Malow, B.A., Reese, K.B., Sato, S., Bogard, P.J., Malhotra, A.K., Su, T.-P. and Pickar, D.
Spectrum of EEG abnormalities during clozapine treatment (91) 205
- Marsden, C.D., see Rossini, P.M. (91) 79
- Marshall, L., Mölle, M., Schreiber, H., Fehm, H.L. and Born, J.
Scalp recorded direct current potential shifts associated with the transition to sleep in man (91) 346
- Martin-Löches, M., Gomez-Jarabo, G. and Rubia, F.J.
Human brain potentials of spatial location encoding into memory (91) 363
- Martinerie, J., see Pezard, L. (91) 383
- Martino, G., see Rossini, P.M. (91) 476
- Mayer, G., see Uchiyama, M. (91) 212
- McClune, M.C., see Bullock, T.H. (91) 42
- McKeown, M.J., see Young, G.B. (91) 93
- McLachlan, R.S., see Young, G.B. (91) 93
- Meier-Ewert, K., see Uchiyama, M. (91) 212
- Mendonça, A.J., see Nashmi, R. (91) 456
- Mielke, R., see Szelies, B. (91) 131
- Miltner, W., Braun, C., Johnson, Jr., R., Simpson, G.V. and Ruchkin, D.S.
A test of brain electrical source analysis (BESA): a simulation study (91) 295
- Mölle, M., see Marshall, L. (91) 346
- Moore, N.C., see Pritchard, W.S. (91) 118
- Morris, H.H., see Lim, S.H. (91) 179
- Morris, III, G.L., Galezowska, J., Leroy, R. and North, R.
The results of computer-assisted ambulatory 16-channel EEG (91) 229
- Moström, U., see Homma, S. (91) 374
- Murray, N.M.F., see Rossini, P.M. (91) 79
- Musha, T., see Homma, S. (91) 374
- Näätänen, R., see Alho, K. (91) 353
- Nagendran, K., see Spillane, K. (91) 403
- Nakajima, Y., see Homma, S. (91) 374
- Nakasato, N., Levesque, M.F., Barth, D.S., Baumgartner, C., Rogers, R.L. and Sutherling, W.W.
Comparisons of MEG, EEG, and ECoG source localization in neocortical partial epilepsy in humans (91) 171
- Narici, L., see Rossini, P.M. (91) 476
- Nashmi, R., Mendonça, A.J. and MacKay, W.A.
EEG rhythms of the sensorimotor region during hand movements (91) 456
- Neufeld, M.Y., Rabey, M.J., Parmet, Y., Sifris, P., Treves, T.A. and Korczyn, A.D.
Effects of a single intravenous dose of scopolamine on the quantitative EEG in Alzheimer's disease patients and age-matched controls (91) 407
- North, R., see Morris, III, G.L. (91) 229
- Oder, W., see Uhl, F. (91) 249
- Okabe, H., see Ikeda, T. (91) 265
- Okamoto, Y., see Homma, S. (91) 374
- Oommen, K.J., see Ahern, G.L. (91) 21
- Orrison, W.W., see Maclin, E.L. (91) 468
- Osburn, C., see Ahern, G.L. (91) 21
- Ostré, C., see Richard, P. (91) 100
- Parmet, Y., see Neufeld, M.Y. (91) 407
- Pasquarelli, A., see Rossini, P.M. (91) 476
- Peresson, M., see Rossini, P.M. (91) 476
- Petter, J., see Kügler, C.F.A. (91) 33
- Pezard, L., Martinerie, J., Breton, F., Bourzeix, J.-C. and Renault, B.
Non-linear forecasting measurements of multichannel EEG dynamics (91) 383
- Pickar, D., see Malow, B.A. (91) 205
- Pillay, P.K., see Lim, S.H. (91) 179
- Pizzella, V., see Rossini, P.M. (91) 476
- Polkey, C.E., see Bullmore, E.T. (91) 337
- Pratt, H., see Aharoni, D. (91) 488
- Prechtl, J.C. and Bullock, T.H.
Event-related potentials to omitted visual stimuli in a reptile (91) 54
- Prior, P.F., see Spillane, K. (91) 403
- Pritchard, W.S., Duke, D.W., Coburn, K.L., Moore, N.C., Tucker, K.A., Jann, M.W. and Hostettler, R.M.
EEG-based, neural-net predictive classification of Alzheimer's disease versus control subjects is augmented by non-linear EEG measures (91) 118
- Rabey, M.J., see Neufeld, M.Y. (91) 407
- Ramsay, D.A., see Young, G.B. (91) 93
- Reese, K.B., see Malow, B.A. (91) 205
- Renault, B., see Pezard, L. (91) 383
- Renault, F., see Richard, P. (91) 100
- Richard, P., Renault, F., Ostré, C. and Auzoux-Chevé, M.
Neurophysiological follow-up in two children with Creutzfeldt-Jakob disease after human growth hormone treatment (91) 100
- Rivers, M., see Broughton, R. (91) 67
- Rogers, R.L., see Nakasato, N. (91) 171
- Romani, G.-L., see Rossini, P.M. (91) 476
- Rose, D.F., see Maclin, E.L. (91) 468
- Rossini, P.M., Barker, A.T., Berardelli, A., Caramia, M.D., Caruso, G., Cracco, R.Q., Dimitrijević, M.R., Hallett, M., Katayama, Y., Lücking, C.H., Maertens de Noordhout, A.L., Marsden, C.D., Murray, N.M.F., Rothwell, J.C., Swash, M. and Tomberg, C.
Non-invasive electrical and magnetic stimulation of the brain, spinal cord and roots: basic principles and procedures for routine clinical application. Report of an IFCN committee (91) 79
- Rossini, P.M., Narici, L., Martino, G., Pasquarelli, A., Peresson, M., Pizzella, V., Tecchio, F. and Romani, G.-L.
Analysis of interhemispheric asymmetries of somatosensory evoked magnetic fields to right and left median nerve stimulation (91) 476
- Rothwell, J.C., see Rossini, P.M. (91) 79
- Rubia, F.J., see Martin-Löches, M. (91) 363
- Ruchkin, D.S., see Miltner, W. (91) 295
- Saletu, B., see Anderer, P. (91) 108
- Sallinen, M., Kaartinen, J. and Lyttinen, H.
Is the appearance of mismatch negativity during stage 2 sleep related to the elicitation of K-complex? (91) 140
- Salmelin, R. and Hari, R.
Characterization of spontaneous MEG rhythms in healthy adults (91) 237
- Sato, S., see Malow, B.A. (91) 205
- Sato, S., see Schiff, S.J. (91) 442
- Sattel, H., see Besthorn, C. (91) 233
- Schieven, J.R., see Young, G.B. (91) 93
- Schiff, S.J., Aldroubi, A., Unser, M. and Sato, S.
Fast wavelet transformation of EEG (91) 442
- Schimke, H., see Klimesch, W. (91) 428
- Schimsheimer, R.J.
Dutch Society for Clinical Neurophysiology. Special meeting on "computer analysis of the EEG". Amsterdam, 3 November 1993 (91) 71P
- Schreiber, H., see Marshall, L. (91) 346
- Schwaiger, J., see Klimesch, W. (91) 428
- Schwarz, M. and Block, F.
Visual and somatosensory evoked potentials are mediated by excitatory amino acid receptors in the thalamus (91) 392
- Semlitsch, H.V., see Anderer, P. (91) 108

- Seyfert, T., see Klostermann, W. (91) 219
Sifris, P., see Neufeld, M.Y. (91) 407
Simpson, G.V., see Miltner, W. (91) 295
Sloan, E.P., Fenton, G.W., Kennedy, N.S.J. and MacLennan, J.M.
 Neurophysiology and SPECT cerebral blood flow patterns in dementia (91) 163
Sonoda, K., see Ikeda, T. (91) 265
Soustiel, J.F.
 Reply to Dr. B.M. Evans (91) 78
Spillane, K., Nagendran, K., Prior, P.F., Tabaqchali, S. and Wilks, M.
 Serial electroencephalograms in a patient with D-lactic acidosis (91) 403
Squires, K.C., see Ioannides, A.A. (91) 399
Su, T.-P., see Malow, B.A. (91) 205
Sutherling, W.W., see Nakasato, N. (91) 171
Swash, M., see Rossini, P.M. (91) 79
Szelies, B., Mielke, R., Herholz, K. and Heiss, W.-D.
 Quantitative topographical EEG compared to FDG PET for classification of vascular and degenerative dementia (91) 131
Tabaqchali, S., see Spillane, K. (91) 403
Tackenberg, J.N., see Ahern, G.L. (91) 21
Taghavy, A., see Kügler, C.F.A. (91) 33
Talwar, D., see Ahern, G.L. (91) 21
Tecchio, F., see Rossini, P.M. (91) 476
Tomberg, C., see Rossini, P.M. (91) 79
Treves, T.A., see Neufeld, M.Y. (91) 407
Tucker, K.A., see Pritchard, W.S. (91) 118
Uchiyama, M., Mayer, G. and Meier-Ewert, K.
 Differential effects of extended sleep in narcoleptic patients (91) 212
Uhl, F., Kretschmer, T., Lindinger, G., Goldenberg, G., Lang, W., Oder, W. and Deecke, L.
 Tactile mental imagery in sighted persons and in patients suffering from peripheral blindness early in life (91) 249
Unser, M., see Schiff, S.J. (91) 442
Verleger, R., see Klostermann, W. (91) 219
Wauschkuhn, B., see Klostermann, W. (91) 219
Webber, W.R.S., Litt, B., Wilson, K. and Lesser, R.P.
 Practical detection of epileptiform discharges (EDs) in the EEG using an artificial neural network: a comparison of raw and parameterized EEG data (91) 194
Weinand, M.E., see Ahern, G.L. (91) 21
Weisskopf, M., see Broughton, R. (91) 67
Wensing, G., see Kügler, C.F.A. (91) 33
Werner, H., see Anderer, P. (91) 108
Wilks, M., see Spillane, K. (91) 403
Wilson, K., see Webber, W.R.S. (91) 194
Wolpaw, J.R. and Cacace, A.T.
 The influence of stimulus intensity, contralateral masking and handedness on the temporal N1 and the T complex components of the auditory N1 wave, by John F. Connolly (91) 71
Woods, D.L., see Alho, K. (91) 353
Wyllie, E., see Lim, S.H. (91) 179
Young, G.B., Blume, W.T., Campbell, V.M., Demelo, J.D., Leung, L.S., McKeown, M.J., McLachlan, R.S., Ramsay, D.A. and Schieven, J.R.
 Alpha, theta and alpha-theta coma: a clinical outcome study utilizing serial recordings (91) 93

Index of Subjects

VOLUME 91 (1994)

(Abstracts from Society Proceedings are not included)

- Acidosis
 - serial EEG in D-lactic acidosis, 403
- Acetylcholine
 - scopolamine and qEEG in Alzheimer's disease, 407
- Alpha rhythm
 - episodic and semantic memory, 428
- Alzheimer's disease
 - EEG coherence, 232, 233
 - linear vs. non-linear EEG measures, 118
 - neurophysiological studies, 163
 - qEEG and FDG PET for classification of dementia, 131
 - scopolamine effects on qEEG, 407
 - SPECT cerebral blood flow in dementia, 163
- Ambulatory monitoring, 229
- Amobarbital test and qEEG, 21
- Anoxia
 - alpha/theta coma, 93
- Antipsychotic agents
 - clozapine-related EEG abnormalities, 205
- Attention
 - cognitive brain dysfunction in cirrhotic liver disease, 33
 - frontal cortex lesions and auditory mismatch negativity, 353
 - human VEP properties and omitted stimulus potential, 42
 - non-linear measurements of multichannel EEG dynamics, 383
 - sensorimotor EEG rhythms and hand movements, 456
- Auditory ERPs and mismatch negativity in dysphasic children, 256
- Auditory evoked potentials
 - temporal N1 and T complex components of N1 wave, 71, 74
 - see also Brain-stem auditory evoked potentials
- Auditory stimulation
 - frontal cortex lesions and auditory mismatch negativity, 353
 - P300 in subacute myelo-optico-neuropathy, 265
- Automatic detection of epileptiform discharges, 194
- Autoregressive model and mesial temporal seizure onset, 413
- Bayes' theorem
 - prevalence of bilateral partial seizure foci, 329
- Bereitschaftspotentials, see Readiness potential
- Beta rhythms and hand movements, 456
- Blindness and tactile imagery, 249
- Blink reflex in Creutzfeldt-Jakob disease, 100
- Book reviews, 149, 234, 315, 491
- Brain lesions
 - background EEG activity in preterm infants, 154
- Brain-stem auditory evoked potentials, recommended standards, 12
- Cataplexy
 - day and night sleep in narcolepsy, 67
- Cerebral blood flow in dementia, 163
- Cerebrovascular disease
 - comments on a physiological coma scale, 77, 78
 - qEEG and FDG PET for classification of dementia, 131
 - stroke and somatosensory evoked magnetic fields, 468
- Chaos
 - non-linear measurements of multichannel EEG dynamics, 383
- Clozapine-related EEG abnormalities, 205
- Cognitive function
 - in cirrhotic liver disease, 33
 - in subacute myelo-optico-neuropathy, 265
 - omitted stimulus in a reptile, 54
 - omitted stimulus potential in man, 42
- Coherence of EEG in Alzheimer disease, 232, 233
- Coma
 - alpha/theta coma, 93
 - comments on a physiological coma scale, 77, 78
- Common reference controversy, 488
- Computer-assisted ambulatory EEG, 229
- Conduction time
 - non-invasive stimulation of the brain, spinal cord and roots, 79
- Contingent magnetic variation
 - activation of discrete areas during cognitive processes, 399
- Contralateral masking
 - temporal N1 and T complex components of the auditory N1 wave, 71, 74
- Cortex
 - characterization of MEG rhythms, 237
- Cortical activation of discrete areas during cognitive processes, 399
- Creutzfeldt-Jacob disease after human growth hormone treatment, 100
- Current dipole or source, see Generators
- Data processing
 - see also Spectral analysis
- Daytime sleepiness
 - day and night sleep in narcolepsy, 67
 - sleep extension in narcolepsy, 212
- DC potential shifts during transition to sleep, 346
- Dementia
 - linear vs. non-linear EEG measures, 118
 - neural network classifier for topographic EEG data, 108
 - neurophysiological studies, 163
 - P300 in subacute myelo-optico-neuropathy, 265
 - qEEG and FDG PET for classification of dementia, 131
 - scopolamine effects on qEEG, 407
 - SPECT cerebral blood flow, 163
- Depression
 - spatial EEG patterns in mental disease, 319
- Depth recording
 - analysis of mesial temporal seizure onset, 413
- Diagnosis
 - neural network classifier for topographic EEG data, 108
 - qEEG and FDG PET for classification of dementia, 131
- Dipole tracing method
 - current sources in the scalp-skull-brain head model, 374

- Directed transfer function**
- analysis of mesial temporal seizure onset, 413
- Discriminant analysis**
- neural network classifier for topographic EEG data, 108
- Dynamical system**
- non-linear measurements of multichannel EEG dynamics, 383
- Dysphasia, auditory ERPs and mismatch negativity**, 256
- ECoG and MEG spike localization**, 171
- EEG**
- activation of discrete areas during cognitive processes, 399
 - alpha/theta coma, 93
 - analysis of mesial temporal seizure onset, 413
 - background EEG activity in preterm infants, 154
 - clozapine-related EEG abnormalities, 205
 - common reference controversy, 488
 - computer-assisted ambulatory EEG, 229
 - current sources in the scalp-skull-brain head model, 374
 - detection of epileptiform discharges, 194
 - EEG coherence in Alzheimer disease, 232, 233
 - fast wavelet transformation of EEG, 442
 - fractal analysis of EEG during epileptic seizures, 337
 - K-complex and mismatch negativity during stage 2 sleep, 140
 - linear vs. non-linear EEG measures of AD, 118
 - MEG and EEG spike localization, 171
 - neural network classifier for EEG data, 108, 194
 - neurophysiology in dementia, 163
 - non-linear measurements of multichannel EEG dynamics, 383
 - prevalence of bilateral partial seizure foci, 329
 - qEEG and FDG PET for classification of dementia, 131
 - qEEG in the intracarotid amobarbital procedure, 21
 - scopolamine and qEEG in Alzheimer's disease, 407
 - sensorimotor EEG rhythms and hand movements, 456
 - serial EEG in D-lactic acidosis, 403
 - spatial EEG patterns in mental disease, 319
 - topographic and frequency analysis, 1
- Electrical stimulation**
- human supplementary sensorimotor area, 179
 - of the brain, spinal cord and roots, 79
- Electroretinography (ERG)**
- Creutzfeldt-Jakob disease after human growth hormone treatment, 100
 - standards for ERG and VEPs, 311, 313
- Encephalopathy**
- alpha/theta coma, 93
 - cirrhotic liver disease, 33
 - D-lactic acidosis, 403
- Encoding, see Memory**
- Epilepsy**
- analysis of mesial temporal seizure onset, 413
 - clozapine-related EEG abnormalities, 205
 - DC potential shifts during transition to sleep, 346
 - detection of epileptiform discharges, 194
 - fast wavelet transformation of EEG, 442
 - fractal analysis of EEG during seizures, 337
 - human supplementary sensorimotor area, 179
 - MEG and EEG spike localization, 171
 - prevalence of bilateral partial seizure foci, 329
 - qEEG in the intracarotid amobarbital procedure, 21
- Equivalent current dipole**
- readiness potential dipole model to finger movement, 275
 - readiness potential dipole model to foot movement, 286
- Event-related desynchronization**
- episodic and semantic memory, 428
- Event-related potentials**
- auditory ERPs and mismatch negativity in dysphasic children, 256
 - brain potentials encoding into memory, 363
- cognitive brain dysfunction in cirrhotic liver disease, 33**
- ERP to omitted stimulus in a reptile, 54**
- frontal cortex lesions and auditory mismatch negativity, 353**
- human VEP properties and omitted stimulus potential, 42**
- K-complex and mismatch negativity during stage 2 sleep, 140**
- P300 in subacute myelo-optico-neuropathy, 265**
- standards for long-latency auditory ERPs, 18**
- simulation study on brain electrical source analysis, 295**
- tactile imagery in blind and sighted persons, 249**
- Evoked magnetic fields**
- and stroke, 468
 - high-frequency wavelets, 483
 - interhemispheric asymmetries, 476
- Evoked potentials**
- BAEPs, recommended standards, 12
 - somatosensory evoked potentials, recommended standards, 6
 - temporal N1 and T complex components of the auditory N1 wave, 71, 74
 - topographic and frequency analysis, 1
 - visual, see Visual evoked potentials
- Expectation**
- ERP to omitted stimulus in a reptile, 54
 - human VEP and omitted stimulus potential, 42
- Eye movement**
- presaccadic negativity and self-paced saccades, 219
- Finger movements**
- readiness potential dipole model, 275
- Fourier analysis**
- fast wavelet transformation of EEG, 442
- Fractal analysis of EEG during epileptic seizures**, 337
- Frequency analysis of EEG and EPs**, 1
- Frontal cortex lesions and auditory mismatch negativity**, 353
- Generators in the scalp-skull-brain head model**, 374
- Glucose metabolism**
- FDG PET for classification of dementia, 131
- Graphesthesia**
- stroke and somatosensory evoked magnetic fields, 468
- Guidelines**
- comments on standards for ERG and VEPs, 311, 313
 - non-invasive stimulation of the brain, spinal cord and roots, 79
 - standards for BAEPs, 12
 - standards for long-latency auditory ERPs, 18
 - standards for short-latency SEPs, 6
 - topographic and frequency analysis of EEG and EPs, 1
- Handedness**
- temporal N1 and T complex components of the auditory N1 wave, 71, 74
- Hand movement sensorimotor EEG rhythms**, 456
- Hasegawa's dementia score**
- P300 in subacute myelo-optico-neuropathy, 265
- Head injury**
- comments on a physiological coma scale, 77, 78
- Head model**
- current sources in the scalp-skull-brain head model, 374
- Hepatic diseases and cognitive brain dysfunction**, 33
- Hippocampus**
- episodic and semantic memory, 428
- Hyperventilation**
- DC potential shifts during transition to sleep, 346
- Ictal EEG**
- fractal analysis during epileptic seizures, 337
- IFCN executive committee, September 1993, 153**

- Infants**
- auditory ERPs and mismatch negativity in dysphasic children, 256
 - Creutzfeldt-Jakob disease after human growth hormone treatment, 100
 - *see also* Preterm infants
- Interhemispheric asymmetries of somatosensory evoked fields**, 476
- Intoxication**
- P300 in subacute myelo-optico-neuropathy, 265
- Ischemia**
- alpha/theta coma, 93
 - stroke and somatosensory evoked magnetic fields, 468
- K complex and mismatch negativity during stage 2 sleep**, 140
- Kolmogorov entropy**
- background EEG activity in preterm infants, 154
- D-Lactic acidosis and serial EEG**, 403
- Language**
- auditory ERPs and mismatch negativity in dysphasic children, 256
 - episodic and semantic memory, 428
- Lesions of the frontal cortex and auditory mismatch negativity**, 353
- Long-latency ERPS, recommended standards**, 18
- Magnetic fields in discrete areas during cognitive processes**, 399
- Magnetic stimulation of the brain, spinal cord and roots**, 79
- Magnetoencephalogram**
- activation of discrete areas during cognitive processes, 399
 - and EEG spike localization, 171
 - characterization of MEG rhythms, 237
 - high-frequency wavelets in the somatosensory system, 483
 - interhemispheric asymmetries of somatosensory evoked fields, 476
 - stroke and somatosensory evoked magnetic fields, 468
- Mania**
- spatial EEG patterns in mental disease, 319
- Mapping, *see* Topographic mapping**
- Maturation**
- auditory ERPs and mismatch negativity in dysphasic children, 256
 - background EEG activity in preterm infants, 154
- Median nerve**
- high-frequency wavelets in the somatosensory system, 483
 - interhemispheric asymmetries of somatosensory evoked fields, 476
 - standards for short-latency SEPs, 6
- Memory**
- brain potentials encoding into memory, 363
 - episodic and semantic memory, 428
- Mismatch negativity**
- and auditory ERPs in dysphasic children, 256
 - and frontal cortex lesions, 353
 - and K-complex during stage 2 sleep, 140
- Modelization**
- current sources in the scalp-skull-brain head model, 374
 - readiness potential dipole model to finger movement, 275
 - readiness potential dipole model to foot movement, 286
- Monitoring**
- computer-assisted ambulatory EEG, 229
 - detection of epileptiform discharges, 194
 - prevalence of bilateral partial seizure foci, 329
- Motor asymmetries**
- readiness potential dipole model to finger movement, 275
- Motor cortex**
- activation of discrete areas during cognitive processes, 399
- Motor preparation, *see* Preparation to movement**
- Multichannel EEG dynamics**, 383
- Multiple sleep latency test in narcolepsy**, 212
- Mu rhythm and hand movements**, 456
- Myoclonus**
- clozapine-related EEG abnormalities, 205
- Narcolepsy**
- day and night sleep, 67
 - sleep extension, 212
- Neural network**
- classifier for topographic EEG data, 108
 - detection of epileptiform discharges, 194
 - linear vs. non-linear EEG measures of AD, 118
- Neuronal plasticity in blind and sighted persons**, 249
- Neuropathy**
- P300 in subacute myelo-optico-neuropathy, 265
- Non-linear measurements of multichannel EEG dynamics**, 383
- N1 wave, temporal N1 and T complex components**, 71, 74
- Occipital cortex**
- tactile imagery in blind and sighted persons, 249
- Ocular motor cortical area**
- presaccadic negativity and self-paced saccades, 219
- Oddball paradigm**
- K-complex and mismatch negativity during stage 2 sleep, 140
- Omitted stimulus potential**
- and human VEP properties, 42
 - in a reptile, 54
- Orienting**
- frontal cortex lesions and auditory mismatch negativity, 353
- Oscillatory activity in the somatosensory system**, 483
- Outcome**
- alpha/theta coma, 93
 - background EEG activity in preterm infants, 154
 - comments on a physiological coma scale, 77, 78
- Parietal cortex**
- activation of discrete areas during cognitive processes, 399
 - tactile imagery in blind and sighted persons, 249
- Positron emission tomography for classification of dementia**, 131
- Preparation to movement**
- sensorimotor EEG rhythms and hand movements, 456
 - Presaccadic negativity and self-paced saccades, 219
- Preterm infants, background EEG activity**, 154
- Principal component analysis**
- spatial EEG patterns in mental disease, 319
- Prognosis in alpha/theta coma**, 93
- P300**
- cognitive brain dysfunction in cirrhotic liver disease, 33
 - in subacute myelo-optico-neuropathy, 265
 - neurophysiology in dementia, 163
 - SPECT cerebral blood flow in dementia, 163
- Quantitative EEG**
- and FDG PET for classification of dementia, 131
 - in the intracarotid amobarbital procedure, 21
 - scopolamine effects in Alzheimer's disease, 407
- Rapid eye movement sleep, *see* Sleep**
- Readiness potential**
- dipole model to finger movement, 275
 - dipole model to foot movement, 286
 - presaccadic negativity and self-paced saccades, 219
- Reference**
- common reference controversy, 488
- Reptiles, ERP to omitted stimulus**, 54
- Rhythms**
- characterization of MEG rhythms, 237
- Saccade**
- presaccadic negativity and self-paced saccades, 219

- Scalp recording**
- DC potential shifts during transition to sleep, 346
- Schizophrenia**
- clozapine-related EEG abnormalities, 205
 - spatial EEG patterns in mental disease, 319
- Scopolamine and qEEG in Alzheimer's disease**, 407
- Seizure, see Epilepsy**
- Self-paced saccades and presaccadic negativity**, 219
- Semantic memory**, 428
- Sensorimotor cortex**
- EEG rhythms and hand movements, 456
 - human supplementary sensorimotor area, 179
 - readiness potential dipole model to finger movement, 275
 - readiness potential dipole model to foot movement, 286
- Sensory memory in a reptile**, 54
- Short-latency SEPs, recommended standards**, 6
- Signal processing**
- fast wavelet transformation of EEG, 442
- Simulation study on brain electrical source analysis**, 295
- Single photon emission tomography in dementia**, 163
- Sleep**
- day and night sleep in narcolepsy, 67
 - DC potential shifts during transition to sleep, 346
 - K-complex and mismatch negativity during stage 2 sleep, 140
 - sleep extension in narcolepsy, 212
- Sleepiness in narcolepsy**, 67
- Slow potential during transition to sleep**, 346
- Slow waves**
- neural network classifier for topographic EEG data, 108
- Society proceedings**
- American, New Orleans, October 1993, 39P
 - American, Saint-Sauveur, February 1994, 121P
 - American, Vancouver, March 1994, 114P
 - Belgian, Brussels, November 1993, 32P
 - Belgian, Brussels, March 1994, 133P
 - Belgian, Ghent, June 1994, 142P
 - Bulgarian, Sofia, January 1994, 116P
 - Central and Eastern Europe, Miedzyzdroje, June 1993, 104P
 - Dutch, Amsterdam, November 1993, 71P
 - Dutch, The Hague, April 1994, 125P
 - English, London, October 1993, 23P
 - English, London, January 1994, 36P
 - English, Newcastle-upon-Tyne, April 1994, 100P
 - English, London, June 1994, 140P
 - Finnish, Kuopio, February 1994, 118P
 - French, Paris, October 1993, 27P
 - French, Paris, November 1993, 95P
 - Israeli, Jerusalem, October 1993, 128P
 - Italian, Sassari, May 1992, 1P
 - Japanese, Kagoshima, November 1993, 85P
 - Polish, Miedzyzdroje, June 1993, 104P
 - Spanish, Barcelona, December 1992, 75P
- Somatosensory evoked fields**
- and stroke, 468
 - high-frequency wavelets, 483
 - interhemispheric asymmetries, 476
- Somatosensory evoked potentials, recommended standards**, 6
- Source localization**
- characterization of MEG rhythms, 237
 - in the scalp-skull-brain head model, 374
 - MEG and EEG spike localization, 171
 - simulation study on brain electrical source analysis, 295
- Spatial distribution, see Topographic mapping**
- Spatial location perception**
- brain potentials encoding into memory, 363
- Spatiotemporal analysis**
- EEG patterns in mental disease, 319
 - simulation study on brain electrical source analysis, 295
- Spectral analysis**
- linear vs. non-linear EEG measures of AD, 118
- Speech, see Language**
- Spike**
- detection of epileptiform discharges, 194
 - fast wavelet transformation of EEG, 442
 - MEG and EEG spike localization, 171
- Spinal cord, non-invasive stimulation**, 79
- Standards, see Guidelines**
- Steady-state VEP and omitted stimulus potential**, 42
- Stereo-EEG, fractal analysis during epileptic seizures**, 337
- Stimulus intensity and auditory N1 wave**, 71, 74
- Stroke and somatosensory evoked magnetic fields**, 468
- Subacute myelo-optico-neuropathy and P300**, 265
- Subdural recording**
- current sources in the scalp-skull-brain head model, 374
- Supplementary motor area**
- activation during cognitive processes, 399
 - in human, 179
- Surgery**
- prevalence of bilateral partial seizure foci, 329
- Tactile imagery in blind and sighted persons**, 249
- T complex component of the auditory N1 wave**, 71, 74
- Telemetry**
- prevalence of bilateral partial seizure foci, 329
- Temporal lobe**
- analysis of mesial temporal seizure onset, 413
- Theta rhythm**
- episodic and semantic memory, 428
- Tibial nerve**
- standards for short-latency SEPs, 6
- Topographic and frequency analysis of EEG and EPs**, 1
- Topographic mapping**
- analysis of mesial temporal seizure onset, 413
 - characterization of MEG rhythms, 237
 - linear vs. non-linear EEG measures of AD, 118
 - neural network classifier for topographic EEG data, 108
 - qEEG and FDG PET for classification of dementia, 131
 - qEEG in the intracarotid amobarbital procedure, 21
- Visual attention in cirrhotic liver disease**, 33
- Visual deprivation and tactile imagery**, 249
- Visual evoked potentials**
- Creutzfeldt-Jakob disease after human growth hormone treatment, 100
 - cognitive brain dysfunction in cirrhotic liver disease, 33
 - comments on recommended standards, 311, 313
 - ERP to omitted stimulus in a reptile, 54
 - human VEP properties and omitted stimulus potential, 42
 - neurophysiology in dementia, 163
- Visual stimulation**
- brain potentials encoding into memory, 363
 - P300 in subacute myelo-optico-neuropathy, 265
- Visual task**
- frontal cortex lesions and auditory mismatch negativity, 353
- Wada test and qEEG**, 21
- Wavelet transformation of EEG**, 442
- Z statistics**
- neural network classifier for topographic EEG data, 108

